

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/002728

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F41G3/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F41G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 4 218 834 A (ROBERTSSON HANS R) 26 August 1980 (1980-08-26) column 4, line 62 - column 11, line 65; figures 1,3 -----	1-3,6, 25-27 4,5,7-24
Y	US 2002/045999 A1 (BOLLWEG KARSTEN ET AL) 18 April 2002 (2002-04-18) page 4, right-hand column, line 5 - line 12 -----	1,25-27
Y	US 6 386 879 B1 (PERKES WALLACE STERLING ET AL) 14 May 2002 (2002-05-14) the whole document -----	1,25-27
A	DE 199 12 093 A (STN ATLAS ELEKTRONIK GMBH) 28 September 2000 (2000-09-28) column 3, lines 20-44; figure 1a ----- -/--	1-27

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

15/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Henderson, R

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/002728

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 788 500 A (GERBER PETER) 4 August 1998 (1998-08-04) the whole document -----	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/002728

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4218834	A	26-08-1980	SE 425819 B 08-11-1982
			AT 363823 B 10-09-1981
			AT 153779 A 15-01-1981
			AU 521339 B2 25-03-1982
			AU 4469279 A 06-09-1979
			BE 874571 A1 02-07-1979
			CA 1129551 A1 10-08-1982
			CH 643054 A5 15-05-1984
			DE 2907590 A1 06-09-1979
			DK 84779 A ,B, 03-09-1979
			FR 2418916 A1 28-09-1979
			GB 2018407 A ,B 17-10-1979
			IT 1163964 B 08-04-1987
			JP 1321475 C 11-06-1986
			JP 54125900 A 29-09-1979
			JP 60049840 B 05-11-1985
			NL 7901675 A ,B, 04-09-1979
			NO 790723 A ,B, 04-09-1979
			SE 7802350 A 03-09-1979
US 2002045999	A1	18-04-2002	DE 10050691 A1 02-05-2002
			AT 269532 T 15-07-2004
			AU 8204401 A 22-04-2002
			BG 107710 A 31-12-2003
			CA 2341851 A1 13-04-2002
			CZ 20030872 A3 17-12-2003
			DE 50102630 D1 22-07-2004
			DK 1325281 T3 02-08-2004
			WO 0231429 A1 18-04-2002
			EP 1325281 A1 09-07-2003
			ES 2218440 T3 16-11-2004
			HU 0303748 A2 01-03-2004
			PL 360247 A1 06-09-2004
			SI 1325281 T1 31-12-2004
			SK 4002003 A3 07-10-2003
			TR 200401817 T4 21-09-2004
			ZA 200302779 A 14-10-2003
US 6386879	B1	14-05-2002	AT 278175 T 15-10-2004
			AU 6097301 A 08-10-2001
			BR 0109471 A 29-04-2003
			DE 10195966 T0 27-03-2003
			DE 60106010 D1 04-11-2004
			EP 1281038 A1 05-02-2003
			ES 2227195 T3 01-04-2005
			ES 2224831 A1 01-03-2005
			GB 2371105 A ,B 17-07-2002
			TW 466330 B 01-12-2001
			WO 0173369 A1 04-10-2001
DE 19912093	A	28-09-2000	DE 19912093 A1 28-09-2000
			AU 754674 B2 21-11-2002
			AU 3425200 A 09-10-2000
			CA 2366526 A1 28-09-2000
			DE 50001795 D1 22-05-2003
			WO 0057123 A1 28-09-2000
			EP 1159578 A1 05-12-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/002728

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5788500	A	04-08-1998	NONE